

Substitute for form 1449A/PTO		Application Number	10/827,572
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(Use as many sheets as necessary)</i>		Filing Date	April 19, 2004
		First Named Inventor	Lowell L. Wood, Jr.
		Group Art Unit	3763
		Examiner Name	Catherine S. Williams
Sheet	1 of 19	Attorney Docket Number	0803-004-001A-000000

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Number Number-Kind Code ² (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee
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	AB	7,125,382 B2	10-24-2006	Zhou et al.
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	AD	7,013,177 B1	03-14-2006	Whitchurst et al.
	AE	7,003,352 B1	02-21-2006	Whitchurst, Todd K.
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	AY	6,735,475 B1	05-11-2004	Whitchurst et al.

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	BA	6,679,893 B1	01-20-2004	Tran, Quang Q.
	BB	6,673,363 B2	01-06-2004	Luo et al.
	BC	6,669,683 B2	12-30-2003	Santini, Jr. et al.
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	BX	6,170,488 B1	01-09-2001	Spillman, Jr., et al.

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	CB	6,128,538	10-03-2000	Fischell et al.
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	CP	5,662,587	09-02-1997	Grundfest et al.
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	CS	5,569,968	11-29-1996	Lal et al.
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	DA	5,314,451	05-24-1994	Mulier, Peter M.J.
	DB	5,279,607	01-18-1994	Schentag et al.
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	DF	2006/0119304 A1	06-08-2006	Farritor et al.
	DG	2006/0004395 A1	01-05-2006	Chiel et al.
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	DQ	2005/0079132 A1	04-14-2005	Wang et al.

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	DR	2005/0069925 A1	03-31-2005	Ford et al.
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	EB	2002/0090388 A1	07-11-2002	Humes et al.

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	⁶
	EC	JP 2005-74229	03-24-2005	Japan	No
	ED	WO 03/106966 A2	12-24-2003	Heller et al.	yes
	EE	WO 99/20335	04-29-1999	Samuels, Shaun L.	Yes
	EF	WO 98/14243	04-09-1998	Chen et al.	Yes

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NON PATENT LITERATURE DOCUMENTS

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EG		“001_08 Comparison of Capsule Cameras: M2A (Given Imaging) vs. NORIKA3 (RF System lab)” RF System lab; bearing dates of 2001-2004; pp. 1-2; located at http://www.rfnorika.com/enr/system/svs_008.html ; printed on 5/04/2006
EH		“A Hydrogel-based CO2 sensor”; BIOS – The lab on a chip group; bearing a date of 08/29/2005; pp. 1-2; located at: http://bios.cwi.utwente.nl/research/analysis/systemssensors/ahydrogelbased.doc/index.html ; printed on 04/25/2006; University of Twente; the Netherlands
EI		AGARWAL, ABHISHEK K.; ATENCIA, JAVIER; BEEBE, DAVID J.; JIANG, HONGRUI; “Magnetically-driven temperature-controlled microfluidic actuators”; pp. 1-5; located at: http://www.unl.im.dendai.ac.jp/INSS2004/INSS2004_papers/OralPresentations/C2.pdf
EJ		“Agile new plastics change shape with heat”; MIT News Office; November 20, 2006; pp. 1-4; Massachusetts Institute of Technology; printed on 11/22/2006; located at http://web.mit.edu/newsoffice/2006/triple-shape.html
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EO		BERLINGER, NORMAN T.; “Robotic Surgery – Squeezing into Tight Places”; New England Journal of Medicine; bearing dates of 5/17/2006, 5/18/2006, and 2006; pp. 2099-2101; Massachusetts Medical Society; located at www.nejm.org

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	EP	BEZROUK, A.; HANUS, J.; ZÁHORA, J.; "TEMPERATURE CHARACTERISTICS OF NITINOL SPIRAL STENTS"; SCRIPTA MEDICA (BRNO); bearing dates of 08/2005, 10/2005; pp. 219-226; Vol. 78, No. 4
	EQ	BIALEK, WILLIAM; RIEKE, FRED; DE RUYTER VAN STEVENINCK, ROB R.; WARLAND, DAVID; "Reading a Neural Code"; Science; bearing a date of 06/28/1991; pp. 1854-1857; Vol. 252
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	ES	BUTSON, CHRISTOPHER R.; MCINTYRE, CAMERON C.; "Role of Electrode Design on the Volume of Tissue Activated During Deep Brain Stimulation"; Journal of Neural Engineering; bearing a date of 2006; Vol. 3; pp. 1-8; IOP Publishing Ltd
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(Use as many sheets as necessary)</i>		Filing Date	April 19, 2004
		First Named Inventor	Lowell L. Wood, Jr.
		Group Art Unit	3763
		Examiner Name	Catherine S. Williams
Sheet	8 of 19	Attorney Docket Number	0803-004-001A-000000

NON PATENT LITERATURE DOCUMENTS

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EX		CHRISTENSEN, BILL; "Propulsion System for 'Fantastic Voyage' Robot"; Technovelgy.com; pp. 1-4; Technovelgy.com; located http://www.technovelgy.com/ct/Science-Fiction-News.asp?NewsNum=811 ; printed on 1/4/2007
EY		COSTAMAGNA; GUIDO M.D.; "PillCam™ SB Capsule Endoscopy"; Given Imaging.com; bearing dates of 2001-2006; pp. 1-4; located at http://www.givenimaging.com/Cultures/en-US/Given/English/Products/CapsuleEndoscopy/ ; printed on 5/04/2006
EZ		CUI, XINYAN; HETKE, JAMILL F.; WILER, JAMES A.; ANDERSON, DAVID J.; MARTIN, DAVID C.; "Electrochemical Deposition and Characterization of Conducting Polymer Polypyrrole/PPS on Multichannel Neural Probes"; Sensors and Actuators A Physical; bearing a date of 2001; pp. 8-18; Vol. 93; Elsevier Science B.V.; located at: www.elsevier.com/locate/sna
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		Examiner Name	Catherine S. Williams
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FE	FANG, ZI-PING; MORTIMER, J. THOMAS; "Selective Activation of Small Motor Axons by Quasitrapezoidal Current Pulses"; IEEE Transactions on Biomedical Engineering; bearing a date of 02/1991; pp. 168-174; Vol. 38, No. 2; IEEE	
FF	FIACCABRINO, G.C.; TANG, X.-M.; SKINNER, N.; DE ROOIJ, N.F.; KOUDELKA-HEP, M.; "Electrochemical Characterization of Thin-Film Carbon Interdigitated Electrode Arrays"; Analytica Chimica Acta; bearing a date of 1996; pp. 155-160; Vol. 326; Elsevier Science B.V.	
FG	FREITAS JR., ROBERT A.; "8.2.1.2 Arteriocous Microcirculation"; "9.4.3.5 Legged Ambulation"; "9.4.3.6 Tank-Tread Rolling"; "9.4.3.7 Amoeboid Locomotion"; "9.4.3.8 Inchworm Locomotion"; "Nanomedicine Volume I: Basic Capabilities"; bearing a date of 1999; pp. 211-214, pp. 316-318; Landes Bioscience; Georgetown, Texas, USA	
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FK	GRAY, CHARLES M.; MALDONADO, PEDRO E.; WILSON, MATHEW; MCNAUGHTON, BRUCE; "Tetodes Markedly Improve the Reliability and Yield of Multiple Single-Unit Isolation from Multi-Unit Recordings in Cat Striate Cortex"; Journal of Neuroscience Methods; bearing a date of 1995; pp. 43-54; Vol. 63; Elsevier Science B.V.	

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	FL	HAGLEITNER, C.; HIERLEMANN, A.; LANGE, D.; KUMMER, A.; KERNESS, N.; BRAND, O.; BALTES, H.; "Smart single-chip gas sensor microsystem"; Nature; November 15, 2001; pp. 293-296; Vol. 414; Macmillan Magazines Ltd.; www.nature.com
	FM	HANNA, DARRIN M.; OAKLEY, BARBARA A.; STRYKER, GABRIELLE A.; "Using a System-on-Chip Implantable Device to Filter Circulating Infected Cells in Blood or Lymph"; IEEE Transactions on Biomedical Engineering; bearing dates of January 25, 2003, March 2003; pp. 6-13; Vol. 2, No. 1; IEEE
	FN	HODGKIN, A.L.; HUXLEY, A.F.; "A Quantitative Description of Membrane Current and its Application to Conduction and Excitation in Nerve"; Journal of Physiology; bearing a date of 1952; pp. 500-544; Vol. 117
	FO	HÖEG, H.D.; SLATKIN, A.B.; BURDICK, J.W.; GRUNDFEST, DR. WARREN S.; "Biomechanical Modeling of the Small Intestine as Required for the Design and Operation of a Robotic Endoscope"; Proceedings ICRA '00 IEEE International Conference on Robotics and Automation; 4/24/2000-4/28/2000; pp. 1-8; Volume 2
	FP	HOFMANN, U.G.; FOLKERS, A.; MÖSCH, F.; HÖHL, D.; KINDLUNDH, M.; NORLIN, P.; "A 64(128)-Channel Multisite Neuronal Recording System"; bearing a date of 2002; pp. 1-4
	FQ	IKEUCHI, K.; YOSHINAKA, K.; HASHIMOTO, S.; TOMITA, N.; "Locomotion of Medical Micro Robot with Spiral Ribs Using Mucus"; Seventh International Symposium on Micro Machine and Human Science; bearing a date of 1996; pp. 217-222; IEEE
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FT		"Japanese Researchers Unveil Medical Mini Robot"; Yahoo! News; bearing a date of 03/08/2007; pp. 1-2; Yahoo! Inc.; located at: http://news.yahoo.com/s/afp/20070308/hl_afp/afplifestylehealthscience ; printed on 03/08/2007
FU		JI, JIN; NAJAFI, KHALIL, WISE, KENSALL D.; "A Low-Noise Demultiplexing System for Active Multichannel Microelectrode Arrays"; IEEE Transactions of Biomedical Engineering; bearing a date of 01/1991; pp. 77-81; Vol. 38, No. 1; IEEE
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FW		KENNEDY, P.R.; BAKAY, R.A.E.; MOORE, M.M.; ADAMS, K.; GOLDWATHE, J.; "Direct Control of a Computer from the Human Central Nervous System"; IEEE Transactions on Rehabilitation Engineering; bearing a date of 06/2000; pp. 198-202; Vol. 8, No. 2; IEEE
FX		KOBETIC, RUDI; TRILO, RONALD J.; UHLIR, JAMES P.; BIERI, CAROLE; WIBOWO, MICHAEL; POLANDO, GORDIE; MARSOLAIS, E. BYRON; DAVIS JR., JOHN A.; FERGUSON, KATHLEEN A.; SHARMA, MUKUT; "Implanted Functional Electrical Stimulation System for Mobility in Paraplegia: A Follow-Up Case Report"; IEEE Transactions on Rehabilitation Engineering; bearing a date of 12/1999; pp. 390-398; Vol. 7, No. 4; IEEE
FY		KRUEGER, CURTIS; "New light on blood testing"; October 20, 2006; pp. 1-2; St. Petersburg Times; printed on 10/24/2006; located at http://www.sttimes.com/2006/10/20news_pf/Tampabay/New_light_on_blood_te.shtml
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GA		LOEB, G.E.; PECK, R.A.; MARTYNIUK, J.; "Toward the Ultimate Metal Microelectrode"; Journal of Neuroscience Methods; bearing a date of 1995; pp. 175-183; Vol. 63; Elsevier Science B.V.

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GB		LOEB, GERALD E.; PECK, RAYMOND A.; MOORE, WILLIAM H.; HOOD, KEVIN; "BION System for Distributed Neural Prosthetic Interfaces"; Medical Engineering and Physics; bearing a date of 2001; pp. 9-18; Vol. 23; Elsevier Science Ltd.; located at: www.elsevier.com/locate/medengphys
GC		LU, ZHAO; MARTEL, SYLVAIN; "Preliminary Investigation of Bio-carriers Using Magnetotactic Bacteria"; Proceedings of the 28 th IEEE EMBS Annual International Conference; bearing dates of 8/30/2006-9/03/2006 and 2006; pp. 3415-3418; IEEE
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GE		MARKS, WILLIAM B.; LOEB, GERALD E.; "Action Currents, Internodal Potentials, and Extracellular Records of Myelinated Mammalian Nerve Fibers Derived from Node Potentials"; Biophysical Journal; 1976; pp. 655-668; Vol. 16
GF		MARTEL, SYLVAIN; "Fundamentals of high-speed piezo-actuated three-legged motion for miniature robots designed for nanometer-scale operations"; pp. 1-8
GG		MARTEL, SYLVAIN; "Towards MRI-Controlled Ferromagnetic and MC-1 Magnetotactic Bacterial Carriers for Targeted Therapies in Arteriolo-capillary Networks Stimulated by Tumoral Angiogenesis"; Proceedings of the 28 th IEEE EMBS Annual International Conference; bearing dates of 8/30/2006-9/03/2006 and 2006; pp. 3399-3402; IEEE
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GJ		MATSUI, TAKEMI; MATSUMURA, KOUJI; HAGISAWA, KOUSUKE; ISHIHARA, MASAYUKI; ISHIZUKA, TOSHIKI; SUZUKI, MINORU; KURITA, AKIRA; KIKUCHI, MAKOTO; "A Novel Ferromagnetic Thermo-Stent for Plaque Stabilization That Self-Regulates the Temperature"; IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING; bearing dates of 06/2002 and 2002; pp. 621-623; Vol. 49, No. 6; IEEE
GK		MCNEAL, DONALD R.; "Analysis of a Model for Excitation of Myelinated Nerve"; IEEE Transactions on Biomedical Engineering; bearing a date of 07/1976; pp. 329-337; Vol. BME-23, No. 4
GL		MEIER, P.; OBERTHÜR, S.; LANG, M.; "Development of a compliant device for minimally invasive surgery"; Proceedings of the 28 th IEEE EMBS Annual International Conference; bearing dates of 8/30/2006-9/03/2006 and 2006; pp. 331-334; IEEE
GM		"MEMS at the cutting edge®; Patent Pending"; VERIMETRA; pp. 1-2; located at http://www.verimetra.com/flow.htm ; printed on 5/04/2006
GN		MENCIASSI, A.; PARK, JONG H.; LEE, S.; GORINI, S.; DARIO, P.; PARK, JONG-OH; "Robotic Solutions and Mechanisms for a Semi-Autonomous Endoscope"; Proceedings of the 2002 IEEE/RSJ International Conference on Intelligent Robots and Systems; bearing a date of 2002; pp. 1379-1384; IEEE
GO		MOHSENI, KAMRAN; "Biomimetic & Bio-Inspired Aerial and Underwater Vehicles"; bearing a date of 09-23-2006; pp. 1-10; printed on 01/04/2007; located at http://ensitrophv.colorado.edu/~mohseni/MicroVehicles1.html#UUV1#UUV1
GP		MOSSE, CHARLES; MILLS, TIM; APPLEYARD, MARK; SWAIN, PAUL; "Electrostimulation to move endoscopes in the small bowel"; Proceedings of SPIE; bearing a date of 2001; pp. 24-28; Volume 4158
GQ		MURTHY, S. NARASIMHA; HIREMATH, SHOBHA RANI R.; "Physical and Chemical Permeation Enhancers in Transdermal Delivery of Terbutaline Sulphate"; AAPS PharmSciTech; bearing a date of 2001; pp. 1-5; Vol. 2001, 2(1); Technical Note 1; located at http://www.pharmscitech.com/

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Substitute for form 1449A/PTO		Application Number	10/827,572
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(Use as many sheets as necessary)</i>		Filing Date	April 19, 2004
		First Named Inventor	Lowell L. Wood, Jr.
		Group Art Unit	3763
		Examiner Name	Catherine S. Williams
Sheet	14 of 19	Attorney Docket Number	0803-004-001A-000000

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GR		NAKAYAMA, YASUhide; JI-YOUN, KIM; NISHI, SHOGO; UENO, HIKARU; MATSUDA, TAKEHISA; "Development of high-performance stent: gelatinous photogel-coated stent that permits drug delivery and gene transfer"; J Biomed Mater Res; bearing dates of 11/13/2000, 04/23/2001, 05/10/2001 and 2001; pp. 559-566; Vol. 57; John Wiley & Sons, Inc.
GS		NAQVI, NASIR H.; RUDRAUF, DAVID; DAMASIO, HANNA; BECHARA, ANTOINE; "Damage to the Insula Disrupts Addiction to Cigarette Smoking"; Science; bearing a date of 01/26/2007; pp. 531-534; Vol. 315, No. 531; located at: www.sciencemag.org ; printed on 01/25/2007
GT		NETO, A.M. FIGUEIREDO; GODINHO, M.H.; TOTH-KATONA, T.; PALFFY-MUHORAY, P.; "Optical, Magnetic and Dielectric Properties of Non-Liquid Crystalline Elastomers Doped with Magnetic Colloids"; Brazilian Journal of Physics; Bearing a date of March 2005; pp. 184-189; Volume 35, Number 1
GU		"New Medical Device Combines Wireless and MEMS Technology"; Georgia Institute of Technology; pp. 1-4; PhysOrg.com; located at: http://www.physorg.com/printnews.php?newsid=10533 ; printed on 02/20/2006
GV		NIEUWENHUIZEN-BERKOVITS, P.; "lubrelastic medical appliances"; Lubrelastic Medical Appliances; pp. 1-4; located at: http://www.xs4all.nl/~plien070/caengc.html ; printed on 02/20/2006
GW		NYITRAI, ZSOLT; ILLYEFALVI-VITÉZ, ZSOLT; PINKOLA, JÁNOS; "Preparing Stents with Masking & Etching Technology"; 26 th International Spring Seminar on Electronics Technology; bearing dates of 5/8/2003-5/11/2003 and 2003; pp. 321-324; IEEE
GX		OLSSON III, R.H.; GULARI, M.N.; WISE, K.D.; "Poster 114: Silicon Neural Recording Arrays with On-Chip Electronics for <i>In-Vivo</i> Data Acquisition"; Microtechnologies in Medicine and Biology; bearing dates of 05/02/2002-05/04/2002; pp. 237-240; IEEE
GY		OWEISS, KARIM G.; ANDERSON, DAVID J.; "A New Technique for Blind Source Separation Using Subband Subspace Analysis in Correlated Multichannel Signal Environments"; bearing a date of 2001; pp. 2813-2816; IEEE

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		First Named Inventor	Lowell L. Wood, Jr.
		Group Art Unit	3763
		Examiner Name	Catherine S. Williams
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	GZ	PATRONIK, N.A.; OTA, T.; ZENATI, M.A.; RIVIERE, C.N.; "Improved Traction for a Mobile Robot Traveling on the Heart"; Proceedings of the 28 th IEEE EMBS Annual International Conference; bearing dates of 8/30/2006-9/03/2006 and 2006; pp. 339-342; IEEE
	HA	PCT International Search Report App. No.: PCT/US05/33475; dated 05 September 2006; pp. 1-2.
	HB	PECKHAM, P. HUNTER; KNUTSON, JAYME S.; "Functional Electrical Stimulation for Neuromuscular Applications"; Annual Review Biomedical Engineering; bearing a date of 2005; pp. 327-360; Vol. 7; Annual Reviews
	HC	RATTAY, F.; "The Basic Mechanism for the Electrical Stimulation of the Nervous System"; Neuroscience; 1999; pp. 335-346; Vol. 98. No. 2; Elsevier Science Ltd; printed on 03/15/2007
	HD	RATTAY, FRANK; ABERHAM, MATTHIAS; "Modeling Axon Membranes from Functional Electrical Stimulation"; IEEE Transactions on Biomedical Engineering; bearing a date of 12/1993; pp. 1201-1209; Vol. 40, No. 12; IEEE
	HE	RATTAY, FRANK; "Analysis of Models for Extracellular Fiber Stimulation"; IEEE Transactions on Biomedical Engineering; bearing a date of 07/1989; pp. 676-682; Vol. 36, No. 7; IEEE
	HF	"Remote-Control Electrostimulation Capsule"; Popular Science; bearing dates of 2002 and 2003; pp. 1-2; located at http://www.popsi.com/popsi/brown/2003/article/0,18881,537028,00.html ; printed on 5/04/2006
	HG	"Researchers: Squid-Inspired Vortex Generators Could Mean Better Propulsion for Unmanned Underwater Vehicles"; UnderwaterTimes.com; 12/12/2006; pp. 1-2; UnderwaterTimes.com; printed on 01/04/2007; located at http://www.underwatertimes.com/print.php?article_id=51030782641
	HH	RICE, MIKE; "Implantable Neurostimulation Device Market Poised for Explosive Growth"; Future Fab International; 1/7/2006; pp. 1-4; printed on 10/6/2006; located at http://www.future-fab.com/documents.asp?d_ID=3725

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HI		RICE, MIKE; "New Products, Emphasis on Miniaturization Driving Medical Device Innovation"; bearing a date 8/23/2006; pp. 1-3; Advantage Business Media; located at http://www.advtmag.com/scripts/ShowPR.asp?PUBCODE=046&ACCT=0006109&ISLUE=0603&RELTYPE=PR&PRODCODE=0790&PRODLTT=A ; printed on 8/23/2006
HJ		RIEDMÜLLER, J.; BOLZ, A.; REBLING, H.; SCHALDACH, M.; "Improvement of Stimulation and Sensing Performance of Bipolar Pacemaker Leads"; IEEE Eng. Med. Biol. Soc.; 1992; pp. 2364-2365; IEEE
HK		ROBINSON, DAVID A.; "The Electrical Properties of Metal Microelectrodes"; Proceedings of the IEEE; bearing a date of 06/1968; pp. 1065-1071; Vol. 56, No. 6
HL		ROUSCHE, PATRICK J.; PELLINEN, DAVID S.; PIVIN, DAVID P.; WILLIAMS, JUSTIN C.; VETTER, RIO J.; KIPKE, DARYL R.; "Flexible Polyimide-Based Intracortical Electrode Arrays with Bioactive Capability"; IEEE Transactions on Biomedical Engineering; bearing a date 03/2001; pp. 361-371; Vol. 48, No. 3; IEEE
HM		RUTTEN, WIM; MOUVEROUX, JEAN-MARIE; BUITENWEG, JAN; HEIDA, CISKA; RUARDIJ, TEUN; MARANI, ENRICO; LAKKE, EGBERT; "Neuroelectronic Interfacing with Cultured Multielectrode Arrays Toward a Cultured Probe"; Proceedings of the IEEE; bearing a date of 07/2001; pp. 1013-1029; Vol. 89, No. 7; IEEE
HN		SALTZMAN, JOHN R.; "Endoscopic Advances -- A View Toward the Future"; bearing dates of 5/04/2006, 05/17/2005, and 2005; pp. 1-4; Medscape; located at http://www.medscape.com/viewarticle/505100 ; printed on 5/04/2006
HO		SCHMIDT, W.; BEHRENS, P.; BEHREND, D.; SCHMITZ, K.-P.; ANDRESEN, R.; "Experimental Study of Peripheral, Balloon-expandable Stent Systems"; Progress in Biomedical Research; bearing a date of 05/2001; pp. 246-255
HP		SCHOONHOVEN, R.; STEGEMAN, D.F.; "Models and Analysis of Compound Nerve Action Potentials"; Critical Reviews in Biomedical Engineering; bearing a date of 1991; pp. 47-111; Vol. 19, No. 1; CRC Press, Inc.

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HQ	SENEL, SEVDA; HINCAL, A. ATILLA; "Drug permeation enhancement via buccal route: possibilities and limitations"; Journal of Controlled Release; bearing a date of 2001; pp. 133-144; Vol. 72 (2001); Elsevier; located at www.elsevier.com/locate/jconrel	
HR	SERRUYA, MIJAIL D.; HATSOPOULOS, NICHOLAS G.; PANINSKI, LIAM; FELLOWS, MATTHEW R.; DONOGHUE, JOHN P.; "Brief Communications: Instant Neural Control of a Movement Signal"; Nature; bearing a date of 03/14/2002; pp. 141-142; Vol. 416; Macmillan Magazines Ltd; located at: www.nature.com	
HS	SERRUYS, PATRICK W.; KUTRYK, MICHAEL J.B.; ONG, ANDREW T.L.; "Coronary-Artery Stents"; The New England Journal of Medicine; bearing dates of February 2, 2006 and February 15, 2006; pp. 483-495; Vol. 354;5; Massachusetts Medical Society	
HT	SHABALOVSKAYA, SVETLANA, A.; "Surface, corrosion and biocompatibility aspects of Nitinol as an implant material"; Bio-Medical Materials and Engineering; bearing dates of 04/04/2001, and 2002; pp. 69-109; Vol. 12; IOS Press	
HU	SHAHINPOOR, MOHSEN; KIM, KWANG J.; "Ionic polymer-metal composites: IV. Industrial and medical applications; Smart Materials and Structures; 2005; pp. 197-214; Vol. 14; Institute of Physics Publishing	
HV	SMITH, MICHAEL; "PAS: Nasal Spray Flu Vaccine Seems Safe and Effective in Young"; May 2, 2006; pp. 1-2; MedPage Today, LLC; bearing dates of 2004-2006; printed on 05/04/2006; located at http://www.medpagetoday.com/tbprint.cfm?tbid=3213	
HW	SNOEK, GJ; IJZERMAN, MJ; IN 'T GROEN, FACG; STOFFERS, TS; ZILVOLD, G; "Use of the NESS Handmaster to Restore Handfunction in Tetraplegia: Clinical Experiences in Ten Patients"; Spinal Cord; bearing a date of 2000; pp. 244-249; Vol. 38; International Medical Society of Paraplegia	
HX	SNOW, E.S.; PERKINS, F.K.; HOUSER, E.J.; BADESCU, S.C.; REINECKE, T. L.; "Chemical Detection with a Single-Walled Carbon Nanotube Capacitor"; Science; March 25, 2005; pp. 1942-1945; Vol. 307; www.sciencemag.org	

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	HY	STOECKEL, DIETER; PELTON, ALAN; DUERIG, TOM; "Self-expanding nitinol stents: material and design considerations"; European Radiology; bearing dates of 01/28/2003, 05/22/2003, 07/01/2003, 09/03/2003, 02/2004 and 2004; pp. 292-301(1-2); Vol. 14, No. 2; Springer-Verlag GmbH-SpringerLink - Article; located at: http://www.springerlink.com/11bcgg455gtajfseqqptvb43m/app/home/contribution.asp?referrer=parent&backto=issue,17,26;journal,27,147;browsepublicationsresults,444,1551 ; printed on 02/22/2006
	HZ	STRAUSS, BRADLEY H., M.D., PH.D.; LI, CHRIS, M.D.; WHITTINGHAM, HEATHER A., M.Sc.; TIO, FERMIN O., M.D.; KUTRYK, MICHAEL J.B., M.D., PH.D.; JANICKI, CHRISTIAN, PH.D.; SPARKES, JOHN, D., M.Sc.; TORNLUND, TODD, B.Sc.; SWEET, WILLIAM L., M.D.; "LATE EFFECTS OF LOW-ENERGY GAMMA-EMITTING STENTS IN A RABBIT ILIAC ARTERY MODEL"; Int. J. Radiation Oncology Biol. Phys.; bearing dates of 10/23/2001, 05/13/2002 and 05/15/2002 and 2002; pp. 551-561; Vol. 54, No. 2; Elsevier Science Inc.
	IA	STRUJIK, JOHANNES JAN; "The Extracellular Potential of a Myelinated Nerve Fiber in an Unbounded Medium and in Nerve Cuff Models"; Biophysical Journal; bearing a date of 06/1997; pp. 2457-2469; Vol. 72; Biophysical Society
	IB	TAYLOR, DAWN M.; HELMS TILLERY, STEPHEN I.; SCHWARTZ, ANDREW B.; "Research Article: Direct Cortical Control of 3D Neuroprosthetic Devices"; Science; bearing a date of 06/07/2002; pp. 1829-1832; Vol. 296; located at: www.sciencemag.org
	IC	"Tiny Robot Reduces Need For Surgery"; Pink Tentacle; bearing a date of 02/26/2007; p.1; located at http://www.pinktentacle.com/2007/02/tiny-robot-reduces-need-for-surgery/ ; printed on 03/08/2007
	ID	"Trying to control pain can be a double-edged sword, say scientists"; PhysOrg.com; printed on 11/2/2006; pp. 1-2; located at http://www.physorg.com/printnews.php?newsid=81599312
	IE	TUMMALA, R. LAL; MUKHERJEE, R.; ASLAM, D.; XI, NING; MAHADEVAN, S.; WENG, J.; "Reconfigurable Adaptable Micro-robot"; IEEE; bearing a date of 1999; pp. 687-691

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Substitute for form 1449A/PTO		Application Number	10/827,572
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(Use as many sheets as necessary)</i>		Filing Date	April 19, 2004
		First Named Inventor	Lowell L. Wood, Jr.
		Group Art Unit	3763
		Examiner Name	Catherine S. Williams
Sheet	19 of 19	Attorney Docket Number	0803-004-001A-000000

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	IF	TWARDUCH, U.M.; "Integrity of Ultramicro-Stimulation Electrodes Determined from Electrochemical Measurements"; Journal of Applied Electrochemistry; bearing a date of 1994; pp. 835-857; Vol. 24; Chapman & Hall
	IG	WARLAND, DAVID K.; REINAGEL, PAMELA; MEISTER, MARKUS; "Decoding Visual Information from a Population of Retinal Ganglion Cells"; bearing a date of 1997; pp. 2336-2350; The American Physiological Society
	IH	WEIS, ROLF; MÜLLER, BERNT; FROMHERZ, PETER; "Neuron Adhesion on a Silicon Chip Probed by an Array of Field-Effect Transistors"; Physical Review Letters; bearing a date of 01/08/1996; pp. 327-330; Vol. 76, No. 2; The American Physical Society
	II	WESSBERG, JOHAN; STAMBAUGH, CHRISTOPHER R.; KRALIK, JERALD D.; BECK, PAMELA D.; LAUBACH, MARK; CHAPIN, JOHN K.; KIM, JUNG; BIGGS, S. JAMES; SRINIVASAN, MANDAYAM A.; NICOLELIS, MIGUEL A.L.; "Letters to Nature: Real-Time Prediction of Hand Trajectory by Ensembles of Cortical Neurons in Primates"; Nature; bearing a date of 11/16/2000; pp. 361-365; Vol. 408; Macmillan Magazines Ltd; located at: www.nature.com
	IJ	WHITE, DAVE; "Mini Robot Explores, Gives you Medicine from Within"; Mobile Magazine; bearing a date of 02/27/2007; p. 1; located at: http://www.mobilemag.com/content/100/313/C11869/ ; printed on 03/08/2007
	IK	YUSA, GO; MURAKI, KOJI; TAKASHINA, KEI; HASHIMOTO, KATSUSHI; HIRAYAMA, YOSHIRO; "Controlled multiple quantum coherences of nuclear spins in a nanometre-scale device"; Nature; April 21, 2005; pp. 1001-1005; Vol. 434; 2005 Nature Publishing Group; www.nature.com/nature
	IL	"Zyvex NanoEffector Microgrippers"; Nanotechnology at Zyvex; printed on 12/7/2006; pp. 1-2; located at http://www.zyvex.com/Products/Grippers_Features.html
	IM	"Zyvex NanoEffector Microgrippers"; Zyvex.com; bearing a date of 2006; pp. 1-2; Zyvex Corporation

OMB 0651-0031

Examiner Signature	/Victoria P. Campbell/	Date Considered	19 June 2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Entry Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

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